

AFCO Systems Development Inc

Company Information

Company Name
AFCO Systems Development Inc

Address
150 Broadhollow Rd
Melville, NY, -
Phone
1 631-424-3935

Company Website
n/a
DUNS
181423752

Number of Employees
12
Hubzone Owned:
N

Minority Owned:
N
Woman Owned:
N

Award Totals

```
jQuery(document).ready( function() { (function ($) { var program = ['SBIR Phase I', 'SBIR Phase II', 'STTR Phase I', 'STTR Phase II']; var programCount = [{ "y":19,"amount":"1,811,259.82"}, {"y":6,"amount":"4,923,329.00"}, {"y":0,"amount":"0.00"}, {"y":0,"amount":"0.00"}]; //var programAmount = [1,811,259.82,4,923,329.00,0.00,0.00]; var title = 'Firm Award by Program and Phase'; var titleFormat = 'Count: {point.y:0f}'; var titleFormatAmount = 'Amount: ${point.y:.2f}'; var charWidth = $('#award-totals-chart-count').width(); charWidth -= 120; $('#award-totals-chart-count').highcharts({ chart: { type: 'column' }, title: { text: title }, xAxis: { categories: program, labels: { rotation: -45, style: { fontSize: '13px', fontFamily: 'Verdana, sans-serif' } } }, yAxis: { min: 0, title: { text: 'Awards' } }, legend: { enabled: false }, tooltip: { formatter: function() { return '' + this.x + '
```

```
' + 'Award Count: '+ this.y +'  
' + 'Award Amount: $'+ this.point.amount +''; } }, series: [{ name: 'Program/Phase', data: programCount, dataLabels: { enabled: false, rotation: -90, color: '#FFFFFF', align: 'right', //format: '{point.y:0f}', // no decimal y: 10, // 10 pixels down from the top style: { fontSize: '13px', fontFamily: 'Verdana, sans-serif' } } } ] }); $("#award_total_table").trigger('click'); })(jQuery); });
```

- [Award Table](#)
- [Award Chart](#)

PROGRAM/PHASE	AWARD AMOUNT (\$)
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NUMBER OF AWARDS
SBIR Phase I
\$1,811,259.82
19
SBIR Phase II
\$4,923,329.00
6

Award List

1.

[HARDWARE-ASSISTED SYSTEM SECURITY MONITOR](#)

Amount: \$750,000.00

The primary objective of this project is to design and develop a rootkit detection system that also has the capability to protect itself. AFCO Systems Development (ASD) proposes to advance the state o ...

SBIR Phase II 2007 Department of Homeland Security

2.

[Hardware-Assisted System Security Monitor](#)

Amount: \$98,226.82

AFCO Systems Development proposes a PCI based system security monitor that combines an adaptable and update-capable platform with remote management and the capability to examine the host's memory. The ...

SBIR Phase I 2005 Department of Homeland Security

3.

[Embedded Capability-Based Operating Systems](#)

Amount: \$98,839.00

Commercial and Military embedded systems are lacking security properties as demonstrated by the increase in system failures and service disruptions. These breaches are caused by the inability of the ...

SBIR Phase I 2005 Defense Advanced Research Projects AgencyDepartment of Defense

4.

[Embedded Capability-Based Operating Systems](#)

Amount: \$375,000.00

Embedded systems are commonly deployed in applications where reliability is critical to operations. More recently the interest in sensor networks has added a requirement for remote access, often over ...

SBIR Phase II 2006 Defense Advanced Research Projects AgencyDepartment of Defense

5.

[Hardware-assisted Software Anti-Tamper](#)

Amount: \$99,981.00

Computer systems are lacking adequate security properties as demonstrated by the increase in system failure and service disruptions over the last few years. In response to an evolving threat environm ...

SBIR Phase I 2007 Office of the Secretary of DefenseDepartment of Defense

6.

[Software Partitioning to Migrate Critical Software Components to Trusted Hardware](#)

Amount: \$99,685.00

ASD proposes to develop and integrate an Application Partitioning Toolkit (APT). The APT provides an environment for the partitioning, analysis and the construction of a distributed application. The i ...

SBIR Phase I 2008 Office of the Secretary of DefenseDepartment of Defense

7.

[System Self-Protection and Autonomic Response for Hardware Based Software Protection](#)

Amount: \$99,621.00

AFCO Systems Development's (ASD's) solution will protect a host system by using various autonomic techniques. These techniques will resist, detect, respond, and where possible, repair the damage caus ...

SBIR Phase I 2007 Office of the Secretary of DefenseDepartment of Defense

8.

[System Self-Protection and Autonomic Response for Hardware Based Software Protection](#)

Amount: \$749,128.00

SHIELD is a defense-in-depth multi-layered architecture that is suitable for a GIG end-node based upon COTS technology. The architecture contains the following layers: 1. A set of application software ...

SBIR Phase II 2008 Office of the Secretary of DefenseDepartment of Defense

9.

[Real-time Adversarial Characterization and Adaptive Software Protection Countermeasures](#)

Amount: \$99,607.00

Rather than continuing to approach cyber security problems in a reactive fashion, ASD

proposes to move to a proactive posture; anticipating and eliminating vulnerabilities while also being prepared to ...

SBIR Phase I 2009 Office of the Secretary of DefenseDepartment of Defense

10.

[Countermeasures to Covert Access Methods to Reduce Attack Susceptibility and Ensure Trust \(](#)

Amount: \$1,049,201.00

Our proposed approach to computer security is proactive. We collect data through a set of sensors which is used to adapt to an attack, while protecting the operational integrity of the system under it ...

SBIR Phase II 2011 Office of the Secretary of DefenseDepartment of Defense

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- [2](#)
- [3](#)
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